



Ship Via:

Plex 2/7/19 2:09 PM Dart.Hadley.Shannon

135 - Document Control - Photocopy bluefile & type labels per PPP D066-1016-115 CHG001

140 - QC21- Final Inspection - Work Order Release

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN4-12A	Bolt	8 Ea (8 ea)	90-Start up Operation	
D5350-041	Fwd Cross Beam Assembly	1 Ea (1 ea)	90-Start up Operation	
D5350-043	Aft Beam Assembly	1 pcs (1 ea)	90-Start up Operation	
D5352-1	Cushion	4 pcs (4 ea)	90-Start up Operation	
D5354-041	R66 Fwd Clamp Assembly, LH	1 Ea (1 ea)	90-Start up Operation	
D5354-042	R66 Fwd Clamp Assembly, RH	1 Ea (1 ea)	90-Start up Operation	
D5355-041	Aft Clamp Assembly	2 pcs (2 ea)	90-Start up Operation	
D5358-1	Cover Plate	2 pcs (2 ea)	90-Start up Operation	
D5445-041	Longitudinal Beam Assembly, LH	1 Ea (1 ea)	90-Start up Operation	
D5445-042	Longitudinal Beam Assembly, RH	1 Ea (1 ea)	90-Start up Operation	
MS20392-4C57	Pin	4 Ea (4 ea)	90-Start up Operation	
MS24665-229	Cotter Pin	4 Ea (4 ea)	90-Start up Operation	
MS27151-7	Pal Nut	8 Ea (8 ea)	90-Start up Operation	
NAS1149D0463J	Washer	8 Ea (8 ea)	90-Start up Operation	
NAS1149F0563P	Washer	4 Ea (4 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	AN4-12A	8	183	8
Allocated Container Detail				
Qty	Container No		Location	Init
8	S142821		st344	
D5350-041		1	4	1
Allocated Container Detail				
Qty	Container No		Location	Init
1	S150707		st260b	
D5350-043		1	1	1
Allocated Container Detail				
Qty	Container No		Location	Init
1	s119704		st260b	
D5352-1		4	72	4
Allocated Container Detail				
Qty	Container No		Location	Init
4	S142822		st156	
D5354-041		1	8	0
D5354-042		1	8	0
D5355-041		2	5	2
Allocated Container Detail				
Qty	Container No		Location	Init
2	S142823		st158	
D5358-1		2	12	2
Allocated Container Detail				
Qty	Container No		Location	Init
2	S142824		st158	

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D5445-041	1	3	1
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Allocated Container Detail

Qty	Container No	Location	Init
1	s107065	st260b	_____

D5445-042	1	2	0
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MS20392-4C57	4	22	4
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Allocated Container Detail

Qty	Container No	Location	Init
2	s058147	st312	_____
2	S142825	st312	_____

MS24665-229	4	132	4
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Allocated Container Detail

Qty	Container No	Location	Init
4	S142826	st289	_____

MS27151-7	8	35	8
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Allocated Container Detail

Qty	Container No	Location	Init
8	S142827	st275	_____

NAS1149D0463J	8	4,238	8
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Allocated Container Detail

Qty	Container No	Location	Init
8	S142828	st263	_____

NAS1149F0563P	4	512	4
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Allocated Container Detail

Qty	Container No	Location	Init
4	S142829	st262	_____

Part Specifications

Specifications could not be found.

Plex 2/7/19 2:09 PM Dart.Hadley.Shannon



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D066-1016-115
Job Sheet 187739



007374

Part No: D066-1016-115

Job Qty: 1 ea

Part Name: R66 Heli-Utility-Basket™ fixed provisions, full



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 12/13/18

Job Tracking No:

Due Date: 1/4/19

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV B IPP REV:A 16.01.14 NEW ISSUE DD VERF:JLM IPP REV:B 17.03.28 as per iin rev.b DD
VERF:RQ

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Lead Time
					Setup Hrs	Run Hrs	Workcenter / Supplier		
90	Start up Operation	1 Ea	1/4/19	1/4/19	0.00	0.00	Start Up Stores/Pkg-2		
110	Packaging	1 pcs	1/4/19	1/4/19	0.00	0.00	Packaging1		
120	QC	1 pcs	1/4/19	1/4/19	0.00	0.00	QC4		
130	Packaging	1 pcs	1/4/19	1/4/19	0.00	0.00	Packaging3-1		
135	DC	1 pcs	1/4/19	1/4/19	0.00	0.00	DC		
140	QC21-FG	1 Ea	1/4/19	1/4/19	0.00	0.00	QC21		

Part Op 130 - Identify and pack for shipping as per PPP D066-1016-115 Location:
Descriptions: 135 - Photocopy bluefile & type labels per PPP D066-1016-115 CHG001

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN4-12A	Bolt	8 Ea (8 ea)	90-Start up Operation	5109960
D5350-041	Fwd Cross Beam Assembly	1 Ea (1 ea)	90-Start up Operation	5129979 A
D5350-043	Aft Beam Assembly	1 Ea (1 ea)	90-Start up Operation	5119704
D5352-1	Cushion	4 Ea (4 ea)	90-Start up Operation	F159892
D5354-041	R66 Fwd Clamp Assembly, LH	1 Ea (1 ea)	90-Start up Operation	
D5354-042	R66 Fwd Clamp Assembly, RH	1 Ea (1 ea)	90-Start up Operation	
D5355-041	Aft Clamp Assembly	2 Ea (2 ea)	90-Start up Operation	5126560
D5358-1	Cover Plate	2 Ea (2 ea)	90-Start up Operation	5124420
D5445-041	Longitudinal Beam Assembly, LH	1 Ea (1 ea)	90-Start up Operation	3102065
D5445-042	Longitudinal Beam Assembly, RH	1 Ea (1 ea)	90-Start up Operation	
MS20392-4C57	Pin	4 Ea (4 ea)	90-Start up Operation	5058147x2.5127 940x2
MS24665-229	Cotter Pin	4 Ea (4 ea)	90-Start up Operation	FM135671-1
MS27151-7	Pal Nut	8 Ea (8 ea)	90-Start up Operation	5109964
NAS1149D0463J	Washer	8 Ea (8 ea)	90-Start up Operation	5129985
NAS1149F0563P	Washer	4 Ea (4 ea)	90-Start up Operation	5098031

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	AN4-12A	8	94	0
	D5350-041	1	4	0
	D5350-043	1	1	0



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

007374

D066-1016-115
Job Sheet 187739



Part No: D066-1016-115

Job Qty: 1 ea

Part Name: R66 Heli-Utility-Basket™ fixed provisions, full



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 12/13/18

Job Tracking No:

Due Date: 1/4/19

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV B IPP REV:A 16.01.14 NEW ISSUE DD VERF:JLM IPP REV:B 17.03.28 as per iin rev.b DD
VERF:RQ

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Lead Time	Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier			
90	Start up Operation	1 Ea	1/4/19	1/4/19	0.00	0.00	Start Up Stores/Pkg-2			JAN 08 2019
110	Packaging	1 pcs	1/4/19	1/4/19	0.00	0.00	Packaging1			JAN 08 2019
120	QC	1 pcs	1/4/19	1/4/19	0.00	0.00	QC4			
130	Packaging	1 pcs	1/4/19	1/4/19	0.00	0.00	Packaging3-1			
135	DC	1 pcs	1/4/19	1/4/19	0.00	0.00	DC			
140	QC21-FG	1 Ea	1/4/19	1/4/19	0.00	0.00	QC21			

Part Op 130 - Identify and pack for shipping as per PPP D066-1016-115 Location:
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Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN4-12A	Bolt	8 Ea (8 ea)	90-Start up Operation	5109960
D5350-041	Fwd Cross Beam Assembly	1 Ea (1 ea)	90-Start up Operation	5125979
D5350-043	Aft Beam Assembly	1 Ea (1 ea)	90-Start up Operation	5119704
D5352-1	Cushion	4 Ea (4 ea)	90-Start up Operation	F159892
D5354-041	R66 Fwd Clamp Assembly, LH	1 Ea (1 ea)	90-Start up Operation	5127083
D5354-042	R66 Fwd Clamp Assembly, RH	1 Ea (1 ea)	90-Start up Operation	5136832
D5355-041	Aft Clamp Assembly	2 Ea (2 ea)	90-Start up Operation	5126560
D5358-1	Cover Plate	2 Ea (2 ea)	90-Start up Operation	5124420
D5445-041	Longitudinal Beam Assembly, LH	1 Ea (1 ea)	90-Start up Operation	5102065
D5445-042	Longitudinal Beam Assembly, RH	1 Ea (1 ea)	90-Start up Operation	5138572
MS20392-4C57	Pin	4 Ea (4 ea)	90-Start up Operation	5058147x2, 5127340x2
MS24665-229	Cotter Pin	4 Ea (4 ea)	90-Start up Operation	FM135671-1
MS27151-7	Pal Nut	8 Ea (8 ea)	90-Start up Operation	5109964
NAS1149D0463J	Washer	8 Ea (8 ea)	90-Start up Operation	5129985
NAS1149F0563P	Washer	4 Ea (4 ea)	90-Start up Operation	5098031

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	AN4-12A	8	94	0
	D5350-041	1	4	0
	D5350-043	1	1	0

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

D5352-1	4	69	0
D5354-041	1	8	0
D5354-042	1	8	0
D5355-041	2	5	0
D5358-1	2	12	0
D5445-041	1	1	0
D5445-042	1	0	0
MS20392-4C57	4	22	0
MS24665-229	4	104	0
MS27151-7	8	35	0
NAS1149D0463J	8	3,837	0
NAS1149F0563P	4	613	0

Part Specifications

Specifications could not be found.

Plex 12/13/18 10:34 AM Dart.lajeunesse.marie

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐		DEPARTMENT/PROCESS <table style="width:100%;"><tr><td>Skid-tube ☐</td><td>Cross tube ☐</td><td>Eng. (Non-AW) ☐</td><td>Engineering ☐</td></tr><tr><td>Machining ☐</td><td>Small Fab ☐</td><td>Prod. Eng. Coord. ☐</td><td>Water Jet ☐</td></tr><tr><td>Large Fab ☐</td><td>Finishing ☐</td><td>Rec/Store/Packaging ☐</td><td>Supplier ☐</td></tr><tr><td></td><td></td><td></td><td>Quality ☐</td></tr></table>						Skid-tube ☐	Cross tube ☐	Eng. (Non-AW) ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Water Jet ☐	Large Fab ☐	Finishing ☐	Rec/Store/Packaging ☐	Supplier ☐				Quality ☐																		
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Root Cause <table style="width:100%;"><tr><td>Operator ☐</td></tr><tr><td>Manufacturing Process ☐</td></tr><tr><td>Equip/Tooling ☐</td></tr><tr><td>Handling/Presservation ☐</td></tr><tr><td>Material ☐</td></tr><tr><td>Product Improvement ☐</td></tr><tr><td>Process Improvement ☐</td></tr><tr><td>Human Factors ☐</td></tr></table>		Operator ☐	Manufacturing Process ☐	Equip/Tooling ☐	Handling/Presservation ☐	Material ☐	Product Improvement ☐	Process Improvement ☐	Human Factors ☐	FAULT CATEGORY <table style="width:100%;"><tr><td>☐ Pressure/Forced</td><td>☐ Contamination</td><td>☐ Power Loss/Surge</td><td>☐ Positioned Wrong</td></tr><tr><td>☐ Bending</td><td>☐ Misaligned/off center</td><td>☐ Folio/Program</td><td>☐ Outside Tolerance</td></tr><tr><td>☐ Crushing</td><td>☐ BOM/Route</td><td>☐ Grain Direction</td><td>☐ Drawing</td></tr><tr><td>☐ Cracks</td><td>☐ Broken/Damage/Defect</td><td>☐ Weld</td><td>☐ Finish</td></tr><tr><td>☐ Crimp/Kink/Ripple/Wave/Twist</td><td>☐ Incomplete/Unclear Instructions</td><td>☐ Wrong Stock Pulled</td><td>☐ Part Lost/Missing</td></tr><tr><td>☐ Marks/Chatter</td><td>☐ Drill Holes</td><td>☐ Out of Sequence</td><td>☐ Misread</td></tr><tr><td>☐ Mislabeled</td><td>☐ Fit/Function</td><td>☐ Off-set/Set-up</td><td></td></tr></table>						☐ Pressure/Forced	☐ Contamination	☐ Power Loss/Surge	☐ Positioned Wrong	☐ Bending	☐ Misaligned/off center	☐ Folio/Program	☐ Outside Tolerance	☐ Crushing	☐ BOM/Route	☐ Grain Direction	☐ Drawing	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Finish	☐ Crimp/Kink/Ripple/Wave/Twist	☐ Incomplete/Unclear Instructions	☐ Wrong Stock Pulled	☐ Part Lost/Missing	☐ Marks/Chatter	☐ Drill Holes	☐ Out of Sequence	☐ Misread	☐ Mislabeled	☐ Fit/Function	☐ Off-set/Set-up	
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